

**Notice of Allowability****Application No.**

10/589,323

**Examiner**

BABAR SARWAR

**Applicant(s)**

WU ET AL.

**Art Unit**

2617

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/15/2010.
2. ☒ The allowed claim(s) is/are 1-7,9,10,39,40,42,45-49,51 and 52.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some\* c) ☐ None of the:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.  
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.  
**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 08/13/2010
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 11/16/2010.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

/KAMRAN AFSHAR/  
Primary Examiner, Art Unit 2617

/BABAR SARWAR/  
Examiner, Art Unit 2617

**DETAILED ACTION**

***Information Disclosure Statement***

1. The information disclosure statement filed on 08/13/2010 has been considered and placed in the file of record.

***EXAMINER'S AMENDMENT***

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Shiming Wu Reg. No. 56,885 on 11/16/2010. Claims 1, 11, 39 have been amended as follows;

1. (Currently amended) A distributed base station system, comprising: a first base band unit (BBU) in communication with a Radio Frequency unit (RFU); wherein the BBU comprises: a main processing unit; a clock unit; a base band signal processing unit; a transmission unit; and an interface unit; wherein the interface unit is configured to intercommunicate digital base band signals with the base band signal processing unit; and intercommunicate master control information with the main processing unit; wherein the interface unit comprises a primary base band Radio Frequency (RF) interface; wherein the RFU comprises a secondary base band RF interface and the RFU is connected to the primary base band RF interface of the BBU; wherein the distributed

base station system further comprises at least a second BBU; and wherein the interface unit of the first BBU further comprises a capacity expansion interface, configured to communicate with the second BBU; wherein the system further comprises an exchange base band (BB) cassette with a plurality of capacity expansion interfaces; the first BBU is connected with a capacity expansion interface of the exchange BB cassette via the capacity expansion interface of the first BBU; and the second BBU is connected with another capacity expansion interface of the exchange BB cassette.

11. Cancelled

39. (Currently amended) A base band unit (BBU), comprising: a main processing unit; a clock unit; a base band signal processing unit; a transmission unit; and an interface unit; wherein the interface unit is configured to intercommunicate digital base band signals with the base band signal processing unit; and intercommunicate master control information with the main processing unit; wherein the interface unit comprises a primary base band RF interface, configured to connect with a Radio Frequency unit (RFU); wherein the interface unit of the BBU further comprises a capacity expansion interface, configured to communicate with another BBU via an exchange base band (BB) cassette; and wherein the BB cassette comprises a plurality of capacity expansion interfaces; the first BBU is connected with a capacity expansion interface of the exchange BB cassette via the capacity expansion interface of the first BBU; and the second BBU is connected with another capacity expansion interface of the exchange BB cassette.

***Allowable Subject Matter***

3. In view of amended claims and further search, Claims 1-7, 9-10, 39-40, 42, 45-49, 51-52 are allowed.
4. The following is an examiner's statement of reasons for allowance. Claims 1-7, 9-10, 39-40, 42, 45-49, 51-52 are allowed for the reasons as set forth in applicant's response filed on 09/13/2010.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BABAR SARWAR whose telephone number is (571)270-5584. The examiner can normally be reached on MONDAY TO FRIDAY 09:00 A.M -05:00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, NICK CORSARO can be reached on (571)272-7876. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/BABAR SARWAR/  
Examiner, Art Unit 2617

/KAMRAN AFSHAR/  
Primary Examiner, Art Unit 2617